

AC 44147

County Council of West Sussex.

ANNUAL REPORT

OF THE

County Medical Officer of Health

FOR THE

YEAR ENDED 31st DECEMBER, 1927,

BY

RALPH D. SMEDLEY, M.A., M.D., D.P.H.

County Medical Officer and School Medical Officer.

WEST SUSSEX COUNTY COUNCIL.

THE PUBLIC HEALTH AND HOUSING COMMITTEE (1927-28).

Chairman—The Rev. E. D. L. Harvey, O.B.E., Mr. W. A. Aylwin, *Mr. A. M. Barford, M.D., D.P.H., *Miss E. A. Barnett, Mr. L. A. Elliott, *Mr. W. S. Graves, *The Rev. J. Hall-Yarr, Col. C. G. H. A. Hankey, *Mr. G. W. F. Hare, *Lt.-Col. R. M. Helme, Major H. Jellicorse, O.B.E., Mr. A. Linfield, *Mrs. H. Lintott, *Dr. S. P. Matthews, *Miss A. E. Payne, Mr. H. W. Rydon, Mr. W. Sams, Mr. H. L. Staffurth, *Dr. M. H. H. Vernon, Mr. J. F. Whyte, Mr. L. E. H. Yates.

* Also Members of the Midwives, Maternity and Child Welfare Committee (*see below*).

Ex-Officio—The Chairman of the County Council, The Lord Leconfield; the Vice-Chairman of the County Council, The Rev. E. D. L. Harvey, O.B.E.

THE MIDWIVES, MATERNITY AND CHILD WELFARE COMMITTEE (1927-28).

Chairman—The Rev. E. D. L. Harvey, O.B.E., Mr. A. M. Barford, M.D., D.P.H., Miss Barnett, Mr. W. S. Graves, The Rev. J. Hall-Yarr, Mr. G. W. F. Hare, Lt.-Col. R. M. Helme, Mrs. H. Lintott, Dr. S. P. Matthews, Miss A. E. Payne, Dr. M. H. H. Vernon.

Co-opted Members—Mrs. G. C. Barker, Mrs. E. D. L. Harvey, O.B.E., Miss Kennard, Mrs. M. L. Newcombe, The Countess of March, C.B.E.

STAFF—COUNTY HEALTH DEPARTMENT.

County Medical Officer and School Medical Officer—Ralph D. Smedley, M.A., M.D., D.P.H., M.R.C.S., L.R.C.P.; **Tuberculosis Officer, Deputy County Medical Officer and Deputy School Medical Officer**—William Templeton, M.B., B.S., D.P.H.; **Clerical Staff**—*Chief Assistant*—E. Rann; *Assistant Clerks*—C. R. L. Boxer, V. H. Kirchen, A. S. C. Smith, C. Floyd; **Part-Time Officers**—*Inspector of Midwives and Assistant Medical Officer for Maternity and Child Welfare*—F. Erin Smedley, M.B., B.S.; *Medical Officer (Worthing Venereal Diseases Clinic)*, F. H. Lawson, M.R.C.S., L.R.C.P.; *Visiting Physician (Aldingbourne House)*, G. C. Garratt, O.B.E., B.A., M.D., M.B., B.Ch.

MEDICAL OFFICERS OF LOCAL SANITARY AUTHORITIES.

Chichester City—A. M. Barford, M.D., F.R.F.S., D.P.H., The Willows, West Street, Chichester.

Bognor Urban—T. P. Cole, M.B., B.S., D.P.H., Southleigh, Annandale Avenue, Bognor, (also Assistant School Medical Officer—*see School Medical Officer's Annual Report*), to 31st October, 1927. Dr. Eric Donaldson, St. Kilda, Shelley Road, Bognor, from 1st December, 1927.

Worthing Borough—R. H. Wilshaw, M.D., M.R.C.P., D.P.H., Fairlawn, Chapel Road, Worthing.

Shoreham Urban, East Preston Rural: Southern Combine (*Comprising* Arundel Borough, Littlehampton Urban, Southwick Urban, Steyning West Rural, Westbourne Rural, Westhampnett Rural)—W. J. Butcher, M.R.C.S., L.R.C.P., D.P.H., "Southover," Lansdowne Road, Worthing (also School Medical Inspector—*see School Medical Officer's Annual Report*). **Northern Combine** (*comprising* Horsham Urban, Midhurst Rural, Horsham Rural, Petworth Rural, Thakeham Rural)—S. Child, M.A., M.B., D.P.H., M.R.C.S., L.R.C.P., Caterways, Billingshurst (also School Medical Inspector—*see School Medical Officer's Annual Report*).

Port Sanitary Authorities—Shoreham-by-Sea: W. J. Butcher, M.R.C.S., L.R.C.P., D.P.H., "Southover," Lansdowne Road, Worthing; Littlehampton: J. H. Porter, M.R.C.S., L.R.C.P., "Beachcroft," Littlehampton.

WEST SUSSEX COUNTY COUNCIL.

ANNUAL REPORT for the year 1927, by the COUNTY MEDICAL OFFICER.

The Area in acres, including inland water, is as follows :—

AREA.

URBAN DISTRICTS	...	...	...	13411
RURAL DISTRICTS	...	...	...	388505
ADMINISTRATIVE COUNTY	...	...	...	<u>401916</u>

POPULATION.

The population of the Administrative County for the year 1927 was estimated by the Registrar-General to be as follows :—

			For Birth Rate.	For Death Rate.
URBAN DISTRICTS	...	...	102780	102630
RURAL DISTRICTS	...	...	104770	104470
ADMINISTRATIVE COUNTY			<u>207550</u>	<u>207100</u>

In Table I. (page 3) is shewn the Estimated Population for each Sanitary District. These figures have been used for the calculation of the various Rates in this Report. There is reason to believe that the population is slightly greater than is estimated by the Registrar-General.

CENSUS POPULATIONS, 1901, 1911 and 1921.

		1901	1911	1921*
URBAN DISTRICTS	...	70223	83590	90044
RURAL DISTRICTS	...	81053	92718	94830
ADMINISTRATIVE COUNTY		<u>151276</u>	<u>176308</u>	<u>184874</u>

* As amended by Registrar-General.

INHABITED HOUSES (CENSUS, 1921).

				Urban Districts.	Rural Districts.	Administrative County.
Number of Inhabited Houses	...	...	...	19022	22266	41288
Number of families or separate occupiers	...	...	...	21396	23036	44432

Rateable Value of County £1,059,897

Sum represented by penny rate £4,416

VITAL STATISTICS.

Table I. below, gives the chief vital statistics of each Sanitary District and the total Urban Districts, Rural Districts and Administrative County—

TABLE I.—VITAL STATISTICS, 1927.

Sanitary District	Estimated Population to middle of 1927.	No. of Births.	Birth Rate.	Illegitimate Births.	No. of Deaths.	Death Rate.	Deaths under 1 year.	Infant Mor- tality rate per 1,000 births.	Pulmonary Tuberculosis Death Rate.	Cancer Death Rate.
Urban Districts—										
Arundel	2622	37	14.11	2	31	11.82	1	27	0.3	1.9
Bognor	14800	169	11.42	9	130	8.78	10	59	0.6	1.1
Chichester	14300	223	15.58	13	170	12.01	8	36	0.5	2.1
Horsham... ..	12010	173	14.40	10	166	13.82	5	29	0.2	2.4
Littlehampton	9310	129	13.85	6	98	10.52	6	46	0.4	1.1
Shoreham-by-Sea	8191	110	13.42	5	72	8.78	6	55	0.3	0.6
Southwick	5197	86	16.54	6	52	10.0	2	23	0.7	1.3
Worthing	36350	432	11.88	20	571	15.65	20	46	0.6	2.3
Total Urban Districts ...	102780	1359	13.22	71	1290	12.57	58	43	0.5	1.8
Rural Districts—										
East Preston	9667	140	14.48	5	106	10.09	7	50	0.8	1.6
Horsham... ..	20720	283	13.65	13	244	11.77	12	42	0.6	1.4
Midhurst	14860	230	15.47	7	177	11.91	14	61	0.5	1.3
Petworth	8196	113	13.78	6	76	9.27	2	18	0.2	0.7
Steyning West	11100	156	14.05	4	112	10.09	7	45	0.1	1.7
Thakeham	9231	153	16.57	13	110	11.91	16	105	0.5	1.3
Westbourne	9276	153	16.49	4	132	14.23	11	72	0.5	1.7
Westhampnett	21720	330	15.40	19	199	9.29	22	66	0.4	1.1
Total Rural Districts ...	104770	1558	14.89	71	1156	11.06	91	58	0.5	1.3
Administrative County ...	207550	2917	14.05	142	2446	11.81	149	51	0.5	1.1

BIRTH RATE.

It will be noted from Table II., given below that the Birth Rate for the seventh year in succession shews a perceptible decline chiefly affecting the Rural Districts.

BIRTH RATES : Urban Districts, 13.22. Rural Districts, 14.89. Administrative County, 14.05.

TABLE II., showing number of Births and Birth Rates for years 1912-1927, for Urban and Rural Districts, Administrative County and England and Wales.

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Urban Districts—																
No. of Births ...	1468	1501	1518	1416	1456	1231	1325	1278	1806	1514	1345	1257	1276	1313	1317	1359
Birth Rate ...	17.2	17.2	17.4	16.2	17.6	14.7	14.7	14.8	20.9	16.8	14.9	13.8	13.7	13.9	13.3	13.2
Rural Districts—																
No. of Births ...	1848	1754	1707	1526	1506	1163	1298	1315	2029	1700	1612	1588	1533	1560	1615	1558
Birth Rate ...	19.6	18.3	17.9	15.9	16.7	13.0	14.0	14.8	22.9	17.9	16.8	16.4	15.6	15.7	15.6	14.8
Admin. County —																
No. of Births ...	3316	3255	3225	2942	2962	2394	2623	2593	3835	3214	2957	2845	2809	2873	2932	2917
Birth Rate ...	18.4	17.8	17.6	16.1	17.1	13.8	14.4	14.8	21.9	17.3	15.9	15.1	14.7	14.8	14.5	14.0
England & Wales—																
Birth Rate ...	23.8	23.9	23.8	22.0	20.9	17.8	17.7	18.5	25.4	22.4	20.6	19.7	18.8	18.3	17.8	16.7

DEATH RATE.

DEATH RATES : Urban Districts, 12.57. Rural Districts, 11.06. Administrative County, 11.81.

TABLE III., showing number of Deaths and Death Rates for Years 1912-1927, for Urban and Rural Districts, Administrative County and England and Wales.

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Urban Districts—																
No. of Deaths ...	1017	1085	1149	1323	1145	1131	1327	1211	1048	1143	1157	1042	1248	1111	1241	1290
Death Rate ...	11.9	12.5	13.2	17.0	15.0	15.0	16.5	14.6	12.2	12.7	12.7	11.4	13.4	11.7	12.5	12.57
Rural Districts—																
No. of Deaths ...	1040	1061	1117	1250	1066	1108	1196	1170	971	1042	1096	953	1094	1175	1122	1156
Death Rate ...	11.4	11.1	11.6	14.4	12.8	13.8	14.5	13.7	10.9	10.9	11.4	9.8	11.1	11.8	10.9	11.06
Admin. County—																
No. of Deaths ...	2057	2146	2266	2573	2211	2239	2523	2381	2019	2185	2253	1995	2342	2286	2363	2446
Death Rate ...	11.4	11.7	12.4	15.6	13.9	14.4	15.5	14.2	11.5	11.8	12.1	10.6	12.2	11.8	11.7	11.81
England & Wales—																
Death Rate ...	13.3	13.7	14.0	15.7	14.4	14.4	17.6	13.8	12.4	12.1	12.9	11.6	12.2	12.2	11.6	12.3

The Causes of Death are shewn in Table V. (p. 5), the most important being Heart Disease (448), Cancer, Malignant Disease (332), (see also Table IV., below) Pneumonia (117), Bronchitis (147), Pulmonary Tuberculosis (106), (see also Table XV. p. 19), Cerebral Haemorrhage (164), Arteriosclerosis (120), Influenza (95), Acute and Chronic Nephritis (82), Congenital Debility and Malformation, Premature Birth (80).

CANCER.

The Mortality from this disease is referred to in the following Table :—

TABLE IV.—Shewing Deaths and Death Rates from Cancer in the Urban and Rural Districts and the Administrative County for years 1912-1927, and corresponding Death Rate for England and Wales :—

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Urban Districts—																
No. of Deaths ...	115	134	122	127	133	135	143	146	143	169	159	143	208	141	205	187
Death Rate ...	1.34	1.54	1.40	1.64	1.75	1.79	1.78	1.77	1.66	1.88	1.75	1.57	2.24	1.49	2.07	1.82
Rural Districts—																
No. of Deaths ...	113	129	113	111	113	123	117	124	116	150	131	152	123	158	146	145
Death Rate ...	0.99	1.35	1.18	1.27	1.36	1.54	1.42	1.45	1.30	1.58	1.37	1.57	1.26	1.59	1.41	1.39
Admin. County—																
No. of Deaths ...	228	263	235	238	246	258	260	270	259	319	290	295	331	299	351	332
Death Rate ...	1.09	1.44	1.28	1.44	1.55	1.66	1.60	1.61	1.48	1.72	1.56	1.57	1.73	1.55	1.74	1.12
England & Wales—																
Death Rate ...	1.02	1.06	1.06	1.12	1.16	1.19	1.19	1.18	1.16	1.21	1.22	1.26	1.29	1.33	1.36	—
				x	x	x	x	x	x							

x—The Mortality for the years 1915-1920 relates to civilians only.

CAUSES OF DEATH.

The following Table shows for each Sanitary District the number and causes of death during the year 1927 :—

TABLE V.—Showing for each District the Number and Causes of Death during the year 1927.

Causes of Death.	Arunde! M.B.	Bognor U.D.	Chichester M.B.	Horsham U.D.	Littlehampton U.D.	Shoreham-by-Sea U.D.	Southwick U.D.	Worthing M.B.	East Preston R.D.	Horsham R.D.	Midhurst R.D.	Petworth R.D.	Steyning West R.D.	Thakeham R.D.	Westbourne R.D.	Westhampnett R.D.	Totals.
Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	1	4
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Whooping Cough ... ..	...	...	1	...	1	1	...	1	...	1	...	...	...	4	...	2	11
Diphtheria ... ..	...	1	1	2	...	...	...	4	...	...	...	...	...	...	...	1	9
Influenza ... ..	...	2	4	7	4	4	2	21	6	12	7	3	3	5	9	6	95
Encephalitis Legarthica ... ..	...	...	...	...	...	...	...	1	1	...	1	...	1	...	...	...	4
Meningococcal Meningitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2
Tuberculosis of Respiratory System	1	9	8	2	4	3	4	22	8	13	8	2	2	5	5	10	106
Other Tuberculous Diseases ... ..	...	1	4	1	1	1	1	6	4	...	2	...	1	...	...	4	26
Cancer, Malignant Disease	5	16	30	29	11	5	7	84	16	31	20	6	19	12	16	25	332
Rheumatic Fever ... ..	...	...	...	1	...	...	...	2	2	...	2	...	...	...	...	...	7
Diabetes ... ..	...	7	2	1	...	2	1	8	2	3	2	...	2	...	2	4	36
Cerebral Haemorrhage, etc....	1	11	8	10	7	4	6	39	4	23	12	7	7	7	3	15	164
Heart Disease	6	21	29	40	14	13	7	115	19	47	28	28	14	19	17	31	448
Arterio-sclerosis	4	6	5	5	4	2	1	35	6	12	9	8	6	5	8	4	120
Bronchitis	4	14	16	9	4	6	1	25	8	8	16	4	4	11	3	14	147
Pneumonia (all forms) ... ..	...	6	12	10	9	6	4	22	4	17	4	1	4	2	8	8	117
Other Respiratory Diseases... ..	...	1	1	1	4	1	1	9	1	5	1	1	...	3	1	4	34
Ulcer of Stomach or Duodenum ... ..	...	1	1	...	2	1	...	3	1	3	...	...	...	1	2	...	15
Diarrhoea, etc. (under two years) ... ..	...	...	...	...	...	...	...	2	...	1	...	...	...	1	1	...	5
Appendicitis and Typhlitis ... ..	...	...	...	2	2	3	...	5	1	2	...	...	1	...	2	...	18
Cirrhosis of Liver ... ..	...	1	...	1	...	...	...	2	...	2	...	1	1	...	...	1	9
Acute & Chronic Nephritis ... ..	...	3	5	8	5	2	4	21	5	4	4	3	1	1	10	6	82
Puerperal Sepsis ... ..	...	...	...	...	...	...	...	1	...	2	1	...	...	1	...	1	6
Other Accidents & Diseases of Pregnancy and Parturition ... ..	...	1	1	...	1	...	...	2	...	...	1	...	1	...	1	...	8
Congenital Debility, and Malformation, Premature Birth	1	5	5	3	2	5	...	11	2	5	7	1	5	11	6	11	80
Suicide ... ..	...	...	1	1	1	1	...	3	1	3	...	1	1	...	1	6	20
Other deaths from violence	1	4	4	4	1	...	...	12	2	10	6	...	11	1	6	6	68
Other defined diseases	8	20	31	29	21	12	13	115	13	37	45	10	27	21	31	38	471
Causes ill-defined or unknown ... ..	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Totals	31	130	170	166	98	72	52	571	106	244	177	76	112	110	132	199	2446

The following Table gives the Causes of Death at different periods of life in the Administrative County during the year 1927 :—

TABLE VI.— CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE
IN THE ADMINISTRATIVE COUNTY—1927.

Causes of Death.	All Ages.	Under 1 year.	1—2	2—5	5—15	15—25	25—45	45—65	65—75	75 and up.
Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...
Small Pox ... ..	...	...	...	...	...	...	...	...	...	...
Measles	4	1	1	1	1	...	...	...	...	...
Scarlet Fever	1	...	...	...	1	...	...	...	...	...
Whooping Cough	11	5	4	2	...	...	...	...	...	...
Diphtheria	9	1	...	2	5	...	1	...	...	...
Influenza	95	2	2	3	1	1	16	20	22	28
Encephalitis Lethargica	4	...	2	...	...	...	1	...	1	...
Meningococcal Meningitis	2	...	...	1	...	...	1	...	...	...
Tuberculosis Respiratory System	106	...	...	...	...	18	46	33	7	2
Other Tuberculous Diseases	26	2	5	5	3	2	3	4	2	...
Cancer, Malignant Disease	332	...	...	...	1	...	16	132	97	86
Rheumatic Fever	7	...	...	1	2	2	1	...	1	...
Diabetes	36	...	...	...	1	3	2	12	9	9
Cerebral Haemorrhage, etc....	164	...	...	...	...	1	5	20	58	80
Heart Disease	448	...	...	...	2	6	17	101	129	193
Arterio-sclerosis	120	...	...	...	...	...	1	17	39	63
Bronchitis	147	14	1	...	...	...	2	14	25	91
Pneumonia (all forms)	117	18	3	6	2	2	15	29	21	21
Other Respiratory Diseases	34	...	1	...	2	...	2	10	11	8
Ulcer of Stomach or Duo- denum	15	...	...	...	...	...	2	9	1	3
Diarrhoea, etc.	17	5	...	...	...	1	4	1	2	4
Appendicitis and Typhlitis	18	...	...	1	5	2	2	4	2	2
Cirrhosis of Liver	9	...	...	...	...	...	...	6	3	...
Acute and Chronic Nephritis	82	...	...	...	1	2	8	31	21	19
Puerperal Sepsis	6	...	...	...	...	2	4	...	...	...
Other Accidents and Diseases of Pregnancy and Partur- ition	8	...	...	...	...	1	7	...	...	...
Congenital Debility and Mal- formation	80	79	...	1	...	...	...	...	...	...
Suicide	20	...	...	...	...	2	4	7	7	...
Other deaths from Violence	68	2	1	4	6	10	14	11	6	14
Other Defined Diseases	459	19	6	3	5	10	31	88	77	220
Causes Ill-defined or Unkn'wn	1	1	...	...	...	...	...	...	...	...
Totals	2446	149	26	30	38	65	205	549	541	843

INFECTIOUS DISEASES.

ZYMOTIC MORTALITY, 1927.

In Table VII. below is given the number of deaths from Zymotic diseases in each Sanitary District. The aggregate number of deaths in the administrative county was 30, and the death rate 0.14 per thousand of the population. The aggregate number of deaths in the Urban Districts was 15, and in the Rural Districts 15, the rates being 0.14 per thousand of the population.

TABLE VII.—Number of Deaths from Zymotic Diseases in each Sanitary District.

	Enteric Fever.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Croup.	Diarrhoea.	Small Pox.	Total.	Death Rate.
Urban Districts—									
Arundel (M.B.)	—	—	—	—	—	—	—	—	—
Bognor	—	—	—	—	1	—	—	1	.06
Chichester (M.B.)	—	1	—	1	1	—	—	3	.21
Horsham... ..	—	—	—	—	2	—	—	2	.16
Littlehampton	—	—	—	1	—	—	—	1	.10
Shoreham-by-Sea	—	—	—	1	—	—	—	1	.12
Southwick	—	—	—	—	—	—	—	—	—
Worthing (M.B.)	—	—	—	1	4	2	—	7	.19
Rural Districts—									
East Preston	—	—	—	—	—	—	—	—	—
Horsham... ..	—	2	1	1	—	1	—	5	.24
Midhurst	—	—	—	—	—	—	—	—	—
Petworth	—	—	—	—	—	—	—	—	—
Steyning West	—	—	—	—	—	—	—	—	—
Thakeham	—	—	—	4	—	1	—	5	.54
Westbourne	—	—	—	—	—	1	—	1	.10
Westhampnett	—	1	—	2	1	—	—	4	.18
Total Urban Districts	—	1	—	4	8	2	—	15	.14
Total Rural Districts	—	3	1	7	1	3	—	15	.14
Administrative County	—	4	1	11	9	5	—	30	.14

The following Table VIII. summarises the deaths from Zymotic Diseases during the past seven years :—

TABLE VIII.—Zymotic Diseases Mortality—1921-27.

	Enteric Fever.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Croup.	Diarrhoea.	Small Pox.	Total.	Death Rate.
1921	4	—	7	6	10	16	—	43	0.21
1922	3	—	1	10	3	8	—	25	0.13
1923	5	6	—	9	5	9	—	34	0.18
1924	2	15	1	7	3	6	—	34	0.17
1925	3	3	5	16	3	6	—	36	0.17
1926	1	2	3	12	8	4	—	30	0.14
1927	—	4	1	11	9	5	—	30	0.14
Total	18	30	18	71	41	54	—	232	—
Average for seven years	2.6	4.3	2.6	10.1	5.9	7.7	—	33.1	0.16

NOTIFIABLE DISEASES.

Table IX. below shews the distribution of notifiable diseases throughout the County—

TABLE IX.—Cases of Infectious Diseases notified during the year 1927.

	Diphtheria.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Puerperal Fever.	Puerperal Pyrexia.	Polionmyelitis.	Cerebro Spinal Fever.	Encephalitis Lethargica	Ophthalmia Neonatorum.	Pulmonary Tuberculosis.	Other Forms of Tuberculosis.	Malaria.	Dysentry.	Pneumonia.	TOTAL.	Total Cases removed to Hospital
Urban Districts—																	
Arundel (M.B.) ...	2	1	—	1	—	—	—	—	—	—	1	—	—	—	4	9	—
Bognor ...	30	—	17	—	—	2	—	—	—	—	19	6	—	—	—	74	45
Chichester (M.B.) ...	29	3	48	2	—	—	—	—	—	2	18	7	1	1	5	116	76
Horsham ...	14	1	29	1	1	2	1	—	—	—	7	2	—	—	5	63	35
Littlehampton ...	29	2	18	—	1	—	—	—	—	—	10	3	—	—	4	67	39
Shoreham-by-Sea ...	4	2	20	1	—	1	—	—	—	—	11	2	—	—	18	59	7
Southwick ...	7	2	2	—	—	—	—	—	—	2	7	1	—	—	4	25	5
Worthing (M.B.) ...	83	11	51	1	3	5	—	1	2	2	52	16	—	—	24	251	108
Rural Districts—																	
East Preston ...	6	2	19	1	—	1	—	—	1	2	9	5	—	—	18	64	8
Horsham ...	5	1	27	—	1	2	1	—	—	1	20	6	—	—	35	99	25
Midhurst ...	3	—	22	—	1	1	1	—	2	2	7	3	—	—	5	47	11
Petworth ...	—	—	2	—	—	—	—	—	—	—	9	2	—	—	2	15	1
Steyning West ...	1	1	5	—	—	2	—	—	1	2	5	5	—	—	4	26	7
Thakeham ...	4	—	6	—	—	6	—	—	—	4	9	1	—	—	7	37	5
Westbourne ...	5	2	12	2	—	3	—	—	—	—	13	1	—	—	2	40	24
Westhampnett ...	14	2	56	2	1	3	—	—	—	3	31	6	—	—	13	131	65
Totals—																	
Urban Districts ...	198	22	185	6	5	10	1	1	2	6	125	37	1	1	64	664	315
Rural Districts ...	38	8	149	5	3	18	2	—	4	14	103	29	—	—	86	459	146
Admin. County ...	236	30	334	11	8	28	3	1	6	20	228	66	1	1	150	1123	461

In addition 12 cases of Chicken Pox were notified in the Shoreham-by-Sea Urban District.

During the previous five years an average of 1076 Infectious cases were notified in the County of which an average of 348 cases were removed to Isolation Hospitals.

ISOLATION HOSPITAL AND SMALL POX HOSPITAL ACCOMMODATION.

The Isolation Hospital and Small Pox Hospital accommodation is as set out in detail in my Annual Report for 1925 ; no accommodation exists in any of the Sanitary Districts in the Northern Combined Sanitary District, arrangements being made with neighbouring authorities to admit cases into their Isolation Hospitals at agreed charges for maintenance.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

HOSPITALS PROVIDED OR SUBSIDIZED BY THE COUNTY COUNCIL.

Tuberculosis—

Name of Institution.	Address.	Supported wholly by County Council.	Number of beds.
Aldingbourne House	Nr. Chichester	Yes	59
*Swandean Hospital	Durrington, Nr. Worthing	Yes	12

* Infectious Diseases Hospital provided by the Worthing Corporation, to which the County Council have been permitted to add and maintain a Tuberculosis Block for acute and advanced cases of both sexes.

Reference is also made to this matter in the separate Sections of this Report dealing with Tuberculosis, Maternity and Child Welfare and Venereal Diseases.

CLINICS AND TREATMENT CENTRES.

The following Statement shows the Clinics and Treatment Centres provided by the County Council :—

List of Clinics and Treatment Centres provided by County Council.

Address.	Nature of Accommodation.			V.D. Clinic.
	T.B. Dispensary.	School Clinic.	M. & C.W. Centre.	
Chichester—				
4, St. John's Street	Yes.	Yes.	—	—
15, St. Martin's Street	—	—	Yes.	—
Bognor—				
Parochial Hall	—	—	Yes.	—
Council Schools, Lyon Street	—	Yes.	—	—
Arundel—				
Granville House, Maltravers Street	Yes.	Yes.	*Yes.	—
Littlehampton—				
20a, South Terrace	—	—	*Yes.	—
East Street, Girls' School	—	Yes.	—	—
Worthing—				
Worthing Hospital, Lyndhurst Road	Yes.	Eye Clinic.	—	Yes.
Shoreham—				
Town Hall	—	—	Yes.	—
Upper Mixed C. School	—	Yes.	—	—
Southwick—				
Town Hall	—	—	Yes.	—
Horsham—				
Tan Cottage, Brighton Road	Yes.	Yes.	Yes.	—
Crawley—				
Congregational Church Rooms	—	—	Yes.	—
Midhurst—				
Congregational Hall	—	—	Yes.	—
Northchapel—				
Old Schools	—	—	Yes.	—
Camelsdale—				
Parochial Hall	—	—	Yes.	—

* The M. and C. W. Centre is provided by the Duchess of Norfolk.

In addition, Dental Treatment is carried out at a number of Schools and temporary Centres.

AMBULANCE FACILITIES.

The following Statement shews the Ambulance facilities in the County :—

	(a) For Infectious Cases.	(b) For non-Infectious Cases and accidents.
Urban Districts—		
Arundel M.B.	Ambulance of Authority providing accommodation.	Littlehampton Red Cross Ambulance.
Bognor	Horse Ambulance provided by Local Authority.	Motor Ambulance provided by Local Authority.
Chichester (M.B.)	Ditto.	Two Motor Ambulances—British Red Cross Society.
Horsham	Ambulance provided jointly with Horsham Rural District.	Presentation Ambulance maintained by the Police.
Littlehampton	Horse Ambulance provided by Local Authority.	Littlehampton Red Cross Ambulance.
Shoreham-by-Sea	Ambulance of Authority providing accommodation.	Brighton and Hove Red Cross Ambulance.
Southwick	Hove Authority's Ambulance.	Ditto.
Worthing (M.B.)	Motor ambulance provided by Local Authority.	Worthing Police Ambulance.
Rural Districts—		
East Preston	Ambulance of Authority providing accommodation utilised.	Littlehampton Red Cross Ambulance.
Horsham	Ambulance provided jointly with Horsham Urban District.	Nil.
Midhurst	Ambulance of Authority providing accommodation utilised.	Chichester Ambulance provided by British Red Cross Society.
Petworth	Ditto.	Nil.
Steyning West	Hove Corporation's Ambulance utilised.	Brighton and Hove Red Cross Ambulance.
Thakeham	Ambulance of Authority providing accommodation utilised.	Nil.
Westbourne	Horse Ambulance provided by Local Authority.	Chichester Red Cross Ambulance.
Westhampnett	Ditto.	Ditto.

MATERNITY AND CHILD WELFARE.

INFANT MORTALITY.

There were 149 deaths of Infants under one year, which is equivalent to an Infant Mortality Rate of 51 per 1,000 births, as compared with the rate of 45 for the previous year.

For the first time for eight years the rate has risen above 49, and this is due almost entirely to an increased infant mortality in the Rural Districts. The number of deaths in the year is too small to attach importance to small fluctuations but it is noteworthy that for the past three years the Rural Districts have compared unfavourably with the Urban Districts whereas formerly it was just the reverse.

TABLE X.—Showing Infant Mortality Rates for Urban Districts, Rural Districts, Administrative County and England and Wales for the years 1913-1927.

	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Urban Districts	75	76	76	67	66	65	66	47	62	49	48	46	46	42	43
Rural Districts	62	68	69	58	52	55	48	51	38	50	41	41	51	48	58
Administrative County ...	68	72	73	63	59	60	57	49	49	49	43	43	49	45	51
England and Wales ...	108	105	110	91	97	97	85	80	83	77	69	75	75	70	69

ILLEGITIMATE BIRTHS.

There were 142 illegitimate births (4.8 per cent. of the total births), and the infant mortality rate amongst illegitimate children was 77 per thousand births, as compared with a rate of 50 for legitimate children.

NOTIFICATION OF BIRTHS (EXTENSION) ACT, 1915.

The following figures do not include the Borough of Worthing, which is a separate Maternity and Child Welfare Authority :—

BIRTHS NOTIFIED (1) Live Births, 2,286 ; (2) Still Births, 48. Total 2,334.

BIRTHS NOTIFIED BY : (1) Midwives, 1,597 ; (2) By Doctors and Parents, 737.

In the Borough of Worthing 357 births were notified by Midwives and 83 by Doctors and Parents.

ANTE-NATAL WORK AND HEALTH VISITING.

Ante-Natal Work.—As will be seen from Table XII. (p. 12) the attendance of Expectant Mothers remains low at the Maternity and Child Welfare Centres, but as shewn in Table XI. below, the ante-natal work of the Midwives continues to increase. The new rules of the Central Midwives Board which came into force on the 1st January, 1927, required Midwives to offer ante-natal services in all cases.

TABLE XI.—Showing Number of Visits to Expectant Mothers, 1921-27.

		No. of Ante-natal visits by Midwife		No. of cases attended.		Total Births (County).
		1st Visits.	Total Visits	As Midwife.	As Maternity Nurse (Doctors' Cases.)	
1921	...	1668	4477	1787*	—	3214
1922	...	1601	4217	1713*	—	2957
1923	...	1443	4825	1490	727	2845
1924	...	1305	4641	1486	682	2809
1925	...	1421	4746	1517	700	2873
1926	...	1458	5919	1592	745	2932
1927	...	1541	5934	1572	782	2917
Total		10437	34759	11157	3636	20547

* Includes Maternity Cases.

Health Visiting.—It is the routine practice of the Health Visitor to visit children four times during the first year of life, twice a year during the second and third years of life, and once a year during the fourth and fifth years of life, but actually many more visits are paid especially to children shewing any departure from normal health or progress. A large proportion of the children are attended at birth by the Health Visitor in her capacity as Midwife or Maternity Nurse, but for the purpose of Health Visiting her first visit is recorded on the 14th day or thereabouts. During the year 1927, 24,101 health visits were recorded as follows :—

Number of Visits to Infants under one year—

• (1) First visits, 2,106. (2) Total visits, 12,026.

Total Number of Visits to Children aged 1 to 5 years—12,075.

The following table gives the number of Centres working in the County at the end of the year, the days and hours of attendance, the numbers who attended for the first time, and the average attendance per session :—

TABLE XII.—Maternity and Child Welfare Centres in the County (1927).

Address.	Weekly or fort- nightly Sessions.	Day and time of Meeting.	Average attendance per Session.		Number who attended for the first time.		Present Arrangements for Medical Supervision.
			Expectant Mothers.	Children.	Expectant Mothers.	Children.	
Arundel— Granville House, Maltravers Street ...	Weekly	Tuesday, 2	1.7	17	3	36	<i>Doctor attends—</i> First Tuesday in every month
Bognor— Parochial Hall ...	Ditto	Thursday, 2.30	0.02	22	1	86	Fortnightly
Camelsdale— Village Hall ...	Ditto	Ditto	—	15	—	53	Monthly
Chichester— 15 St. Martin's St. ...	Ditto	Friday, 2.30	.86	43	26	192	Weekly
*Crawley— Congregational Church Rooms ...	Fortnightly	Tuesday, 2.30	.23	31	4	95	Fortnightly
Horsham— Tan Cottage, Brighton Road ...	Weekly	Friday, 2.30	—	18	1	80	Weekly
Northchapel— Old School ...	Monthly	Thursday, 2.30	—	11	1	4	Monthly
Midhurst— Congregational Hall ...	Weekly	Tuesday, 2.30	—	16	—	23	Fortnightly
Shoreham— Town Hall ...	Ditto	Ditto	—	19	—	59	Ditto
Southwick— Town Hall ...	Ditto	Ditto	—	26	—	53	Ditto
Littlehampton— 20a South Terrace ...	Ditto	Thursday and Friday, 2.30	.97	20	5	113	First Thursday every month, and alternate Fridays

* This Centre was established on May 3rd, 1927.

SUPPLY OF MILK FOR EXPECTANT AND NURSING MOTHERS AND FOR INFANTS.

During the financial year 70 families were supplied with 262 orders for 7,461 pints of fresh milk, and, in addition, 645 lbs. of dried milk were distributed free, whilst 3,129 lbs. were sold, the approximate receipts being £222. The cost of the free milk, fresh and dried, was approximately £142.

HOSPITAL TREATMENT.

The following statement summarises treatment provided during the year :—

Name of Institution.	Receiving Treatment at beginning of Year.	Number of			Still in at end of Year.	Average number of days treat- ment. Com- pleted Cases.
		Admis- sions.	Dis- charges	Deaths.		
(a) Sussex Maternity and Women's Hospital, Brighton	1	16	16	—	1	25
(b) Steyning Lying-in Ward, Shore- ham-by-Sea	1	11	11	—	1	48
(c) General Hospitals (Nose and Throat cases)	—	9	9	—	—	2

During the past 7 years an average of 13 cases have received treatment at the Sussex Maternity and Women's Hospital, Brighton, and during the past 4 years an average of 12 cases have been admitted to the Steyning Lying-in Ward.

In the City of Chichester and neighbourhood emergency cases are generally referred by Medical Practitioners to the Royal West Sussex Hospital and in the Borough of Worthing, the Maternity and Child Welfare Authority of that area refer cases to the Worthing Hospital to which a Maternity wing was added in 1923.

MIDWIVES ACTS, 1902, 1918 and 1926.

Midwives Practising in the County.—During the year 153 certified midwives notified their intention to practise. Twelve of these midwives left the county during the year, eleven notified for holiday duty, and one ceased to practise. Excluding thirteen midwives who resided without the county and were inspected by other Authorities, there remained at the end of the year 116 midwives requiring inspection, of whom 113 were trained and three were bona-fide Midwives.

Inspections.—Quarterly visits were paid by the County Inspector of Midwives, and 166 routine visits of inspection and 13 special visits were made during the year. In addition, 11 visits were made in connection with cases of alleged unqualified practice, and two visits to patients in connection with the work of a Midwife.

Notifications by Midwives.—During the year 643 notifications were received as follows :—

Medical help for Mother... ..	381
Medical help for the Child	71
Notifications of death of Mother	2
Notifications of death of Child	23
Notifications of still-birth	30
Notifications of having laid out a dead body	58
Notifications of liability to be a source of infection	36
Notifications of artificial feeding	42
	—
	643
	—

The 381 Notifications of sending for medical help for mother received during the year, were as follows :—

Torn perineum (126), Prolonged labour (73), Abortion and Threatened labour (19), Rise of temperature (18), Adherent and retained placenta (18), Malpresentation (17), Ante-partum haemorrhage (17), Post-partum haemorrhage (5), Illness of Mother (13), Breech presentation (11), Uterine inertia (10), Varicose veins (9), Albuminuria (8), Persistent occipito posterior (5), Extended breech (3), Placenta praevia (3), Vaginal discharge (3), Premature birth (2), Swelling of vulva or vagina (2), Severe vomiting and bad pulse (2), Sores of genitals (1), Rigid cervix (1), Hydramnios (1), Phlebitis (1), Inflamed breast (1), Collapse of Mother (1), Foetal distress (1), Accidental haemorrhage (1), Premature labour (1), Other causes (8).

The 71 Notifications of sending for medical help for child received during the year, were as follows :—

Discharging eyes (27) (twelve being cases of Ophthalmia Neonatorum), Dangerous feebleness (23), Difficult breathing (4), Phimosis (4), Deformity of leg and foot (1), Bronchitis (1), Cleft palate (1), Malformation of eyelids (congenital blindness) (1), Cephalhaematoma (1), Haemorrhage from vagina (1), Rash (1), Other causes (6).

FEEs TO DOCTORS CALLED IN BY MIDWIVES.

During the financial year ended 31st March, 1928, fees amounting to approximately £546 were paid to Medical Practitioners in 372 instances. Contributions amounting to approximately £388 were received in respect of 259 cases. In 68 instances, fees amounting to approximately £71 were paid direct by patients to Doctors.

COMPENSATION TO MIDWIVES.

During the year compensation amounting to £3 9s. was paid to two Midwives who had been suspended from practice whilst in attendance upon septic cases.

OPHTHALMIA NEONATORUM REGULATIONS, 1926

During the year 1927, twenty notifications of Ophthalmia Neonatorum were received and the following Statement summarises the cases which have occurred during the past six years :—

STATEMENT SHEWING NUMBER OF CASES OF OPTHALMIA NEONATORUM. 1922-27.

Year.	Notified.	Cases.		Vision unimpaired.	Vision impaired.	Total Blindness.	Deaths
		Treated.					
		At Home.	In Hospital.				
1922	18	17	1	18	—	—	—
1923	12	12	—	12	—	—	—
1924	13	13	—	13	—	—	—
1925	11	9	2	11	—	—	—
1926	13	13	—	13	—	—	—
1927	20	18	2	19	1	—	—

About 2 per cent. of cases of blindness are due to loss of sight during the first year of life and in a high proportion of these cases the blindness is caused by Ophthalmia Neonatorum. Every case of Ophthalmia Neonatorum must therefore be regarded as serious, though, fortunately, in actual practice, the cases notified in recent years have been relatively mild in character.

MATERNAL MORTALITY.

During the year 1927, fourteen deaths of mothers occurred as follows :—

Puerperal Sepsis (6), Other Accidents and Diseases of Pregnancy (8).

The mortality rate was equal to 4.8 per thousand births as compared with rates of 2.4 in 1926, 3.1 in 1925, 2.1 in 1924, 3.1 in 1923, 3.3 in 1922, 4.9 in 1921 and 3.1 in 1920. The rates in the Urban and Rural Districts were 4.4 and 5.13 respectively, as compared with rates of 1.51 and 3.09 the previous year.

The following table summarises the maternal deaths and rates during the past eight years.

TABLE XIII.—MATERNAL MORTALITY AND RATES PER 1,000 BIRTHS—1920-27.

Year.	URBAN.				RURAL.				ADMINISTRATIVE COUNTY.				No.	Total Rate
	Puerperal Sepsis		Other Accidents		Puerperal Sepsis		Other Accidents		Puerperal Sepsis		Other Accidents			
	No.	Rate per 1000 Births.	No.	Rate per 1000 Births	No.	Rate per 1000 Births	No.	Rate per 1000 Births	No.	Rate per 1000 Births	No.	Rate per 1000 Births		
1920	6	(3.3)	2	(1.1)	3	(1.4)	1	(0.4)	9	(2.3)	3	(0.7)	12	(3.1)
1921	1	(0.6)	8	(5.0)	2	(1.1)	5	(2.8)	3	(1.7)	13	(4.0)	16	(4.9)
1922	3	(2.2)	3	(2.2)	1	(0.6)	3	(1.8)	4	(1.3)	6	(2.0)	10	(3.3)
1923	2	(1.5)	3	(2.4)	1	(0.6)	3	(1.8)	3	(1.1)	6	(2.1)	9	(3.1)
1924	—	—	3	(2.4)	1	(0.6)	2	(1.3)	1	(0.3)	5	(1.7)	6	(2.1)
1925	2	(1.5)	1	(0.7)	3	(1.9)	3	(1.9)	5	(1.7)	4	(1.3)	9	(3.1)
1926	1	(0.7)	1	(0.8)	1	(0.6)	4	(2.4)	2	(0.7)	5	(1.7)	7	(2.4)
1927	1	(0.7)	5	(3.7)	5	(3.2)	3	(1.9)	6	(2.1)	8	(2.7)	14	(4.8)

PUERPERAL FEVER AND PUERPERAL PYREXIA REGULATIONS, 1926.

These Regulations came into force on 1st October, 1926, and made notifiable any febrile condition occurring in a woman within 21 days after childbirth or miscarriage.

Any febrile disturbance causing a temperature of 100.4 F., or more, sustained during a period of 24 hours or recurring during that period, must be notified forthwith, although the Doctor may be uncertain as to the cause of the febrile symptoms. By notifying the case as suffering from "Puerperal Pyrexia"—the form used in the regulations for the notifiable febrile disturbance (see above)—the Medical Practitioner at once introduces certain safeguards against the spread of infection and he makes available to his patient any special services that may be provided by the Maternity and Child Welfare Authority of the area in which the patient is residing.

With the approval of the Ministry of Health, the following special arrangements have been made by the County Council :—

1. Consultations.—Any Medical Practitioner may obtain a second opinion on his case. The County Council, after consultation with the British Medical Association (Sussex Branch) have appointed the following Consultants :—

DR. A. H. BOSTOCK, Southfields, Chichester. Tel. No. Chichester 340.
MR. W. A. BOWRING, Furze Hill, Hove. Tel. No. Brighton 302.
DR. E. C. BRADFORD, Laneside, Horsham. Tel. No. Horsham 196.
DR. P. C. COLE, Lynton, Cissbury Road, Broadwater. Tel. No. Worthing 309.
DR. G. HAMILTON, 27 West Street, Chichester. Tel. No. Chichester 133.
DR. LILIAN JEFFRIES, 10 Adelaide Crescent, Hove. Tel. No. Hove 3414.
DR. F. A. JUCKES, Old Compton, Horsham. Tel. No. Horsham 55.
MR. H. J. MCCURRICH, 9a Palmeira Avenue, Hove. Tel. No. Hove 6688.
MR. H. SEYMOUR, 17 First Avenue, Hove. Tel. No. Hove 2767.

2. Bacteriological Examinations.—DR. H. M. GALT, Pathologist, Stephen Ralli Memorial, Royal Sussex County Hospital, Brighton, has been appointed to undertake this work.

3. Hospital Treatment.—An Agreement has been entered into with the Brighton Corporation for the treatment of cases at the Brighton Sanatorium.

4. Special Nurses.—Arrangements are made with the County Nursing Association for the supply of Special Nurses as in former years.

PUERPERAL FEVER.

In Circular 722 issued by the Ministry of Health, dated 9th August, 1926, the opinion is expressed that it will ultimately be desirable to replace the term "Puerperal Fever" by the term "Puerperal Pyrexia." Puerperal Fever is not a definite disease such as Scarlet Fever, and often the condition cannot be accurately diagnosed in the early stages when a slight rise of temperature may be the chief symptom.

Under the Infectious Diseases (Notification) Act, 1889, Puerperal Fever has been for a number of years a notifiable disease, but in practice only the severe, generally fatal, cases have been notified owing to difficulties arising in the diagnosis of this condition.

The following statement gives the number of cases of Puerperal Fever and Puerperal Pyrexia notified during the year. The figures for the Borough of Worthing, which is an independent Authority for Maternity and Child Welfare, are shewn separately :—

Statement shewing number of cases of Puerperal Fever and Puerperal Pyrexia notified during the year.

	Number of cases notified.		
	Puerperal Fever.	Puerperal Pyrexia.	Total.
County (Child Welfare			
Population) ...	5 (2)	23 (4)	28 (6)
Worthing (M.B.) ...	3 (1)	5 (1)	8 (2)
Total Administrative County ...	8 (3)	28 (5)	36 (8)

The Figures in brackets record Fatal Cases dying on or before 31st December, 1927.

The following Statement indicates the distribution of the notified cases of Puerperal Fever and Puerperal Pyrexia, distinguishing between cases treated at home and those treated at Hospitals, Maternity Homes, etc.

Number of Cases.

	Patients confined at their own Homes and			Patients confined at Maternity Homes.	Patients confined at Hospital.
	Nursed at Home.	Removed to Hospital before notification.	Removed to Hospital after notification.		
County (Child Welfare Population) Worthing (M.B.) ...	10 (2) 3	7 3 (1)	7 (4) 1	2 1 (1)	2 —
Total Administrative County ...	13 (2)	10 (1)	8 (4)	3 (1)	2

It is to be noted that one Fatal Case of Puerperal Pyrexia was due to Influenzal Broncho Pneumonia. Also in neither of the two Fatal Cases in the Borough of Worthing was Puerperal Sepsis the primary cause of death.

MIDWIVES AND MATERNITY HOMES ACT, 1926.

This Act came into force on 1st January, 1927. At the end of the year there were 23 Maternity Homes registered or recommended for registration containing accommodation of 58 beds approved for Maternity cases. With two exceptions the accommodation is provided in Medical and Surgical Nursing Homes.

The following Statement shews where the Registered Homes are situated :—

District.	Number of	
	Homes.	Maternity Beds.
Bognor	2	5
Chichester...	1	3
Easebourne	1	2
Felpham	1	4
Horsham	3	7
Ifield	1	1
Littlehampton	2	7
Shoreham-by-Sea	1	1
Southwater	1	1
Steyning	1	2
Westbourne	1	2
Worthing	8	23
	23	58

NOTE.—Does not include one Registered Home containing accommodation for two Maternity cases, which was closed in September, 1927.

COUNTY NURSING SERVICE.

At the end of the year, the West Sussex County Nursing Association, employed a Staff consisting of County Superintendent, Assistant County Superintendent, and two whole-time Health Visitors engaged in Public Health work in areas unprovided with District Nurses, and for emergency work which includes the Nursing of cases of Ophthalmia Neonatorum, Septic Lying-in cases, or for relief of Nurse-Midwives in illness or exceptional stress of work. There were also 68 affiliated District Nursing Associations employing 84 Nurses, grant being paid in respect of 81 Nurses.

During the year the following additional District Nursing Associations were established by the West Sussex County Nursing Association, in accordance with the scheme (as since slightly modified) which was approved by the County Council in 1919 :—

Name and Number of Nursing District.		Number of Nurses.	Annual Grant.	Parishes Served.	Date Appointed.
Steyning, etc.	C/3	2	£100	Steyning Bramber Beeding Buttolphs Edburton	8/2/17. 17/2/27.
Loxwood	E/16a	1	£25	Loxwood	19/3/27.
Harting, etc.	B/4	1	£50	Harting Elsted	14/11/27

ORTHOPAEDIC SCHEME.

During the course of the year a Special Committee representative of the Education Committee, the Public Health and Housing Committee, and the Maternity and Child Welfare Committee, approved a Scheme for the treatment of crippling defects which received the sanction of the Ministry of Health and Board of Education. The Scheme provides for the holding of Special Clinics at Chichester and Horsham, under the charge of Mr. Barnett, the Visiting Surgeon, who is a member of the Staff of the Royal National Orthopaedic Hospital, London. Mr. Rocyn Jones, Orthopaedic Surgeon of the Royal National Orthopaedic Hospital, is also acting in an advisory capacity. Under a temporary agreement with the Brighton Corporation, Miss Blincow, Orthopaedic Nurse, assisted Mr. Barnett at the Clinics in the matter of remedial exercises and following-up of cases fitted with appliances. As it was impossible to start the Clinics before the end of July, and as there were a great many new cases to be examined for the first time, the Scheme could not be put into full operation. A very satisfactory commencement has, however, been made, and as regards Hospital treatment of cases requiring operations or extensive manipulative treatment, the majority of the urgent cases of this type have been dealt with, so that during the next twelve months it is confidently anticipated that the arrears of work will be overtaken.

The arrangements made by the Public Health and Housing Committee, which have been in force for many years for the treatment of cases suffering from tuberculous disease of the bones and joints are unaffected. All cases of this nature are still being dealt with at the Lord Mayor Treloar Cripples Hospital and College, Alton, and the Royal Sea Bathing Hospital, Margate, and the Royal West Sussex Hospital, Chichester.

The following Statement is a summary of the cases seen by the Orthopaedic Surgeon :—

Orthopaedic Clinic.	No. of Sessions.	No. of children examined.		
		New cases.	Re-examinations.	Totals.
Chichester	5	80 (8)	31 (4)	111 (12)
Horsham	2	28 (3)	10 (—)	38 (3)
Worthing*	1	15 (3)	2 (—)	17 (3)
Totals	8	123 (14)	43 (4)	166 (18)

The figures in brackets are children under School age.

* With the approval of the Worthing Education Committee a Special Clinic was held at the Worthing School Clinic for children living near Worthing.

TUBERCULOSIS.

TABLE XIV.—PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912 and 1924.

SUMMARY of Primary Notifications during the period from the 2nd January, 1927, to the 31st December, 1927.

Notifications on :—				Form “ A.”										Form “ B.”				Form “ C.”			
				0	1	5	10	15	20	25	35	45	55	65	0		5	10	Poor Law		
				—	—	—	—	—	—	—	—	—	—	—	& Total	—	—	—	Total	Institu-	Sanatoria
				1	5	10	15	20	25	35	45	55	65	Up.(Primary)	5	10	15		tions.		
Pulmonary Tuberculosis :																					
Males	...	...	1	3	5	9	12	15	21	26	12	12	6	122	—	4	—	4	1	82
Females	...	...	—	2	4	4	8	16	25	22	14	3	4	102	—	—	—	—	—	75
				1	5	9	13	20	31	46	48	26	15	10	224	—	4	—	4	1	157
Other Forms of Tuberculosis :																					
(Non-Pulmonary)																					
Males	...	...	—	11	13	5	3	2	—	1	2	—	—	37	—	1	—	1	1	7
Females	...	...	—	7	7	4	1	2	3	2	1	—	—	27	—	1	—	—	—	15
				—	18	20	9	4	4	3	3	3	—	—	64	—	2	—	2	1	22

The following NEW cases of Tuberculosis came to the knowledge of the Medical Officer of Health, otherwise than by Notification on Form “ A ” or “ B,” in addition to the primary cases shewn in the above Table :—

	Age periods.											
	0	1	5	10	15	20	25	35	45	55	65	Total.
	— 1	— 5	— 10	— 15	— 20	— 25	— 35	— 45	— 55	— 65	& up.	
Pulmonary Males ...	—	—	1	—	1	1	9	9	3	4	1	29
Pulmonary Females ...	—	—	—	—	1	7	6	7	2	1	1	25
Non-Pulmonary Males ...	—	2	—	—	1	1	2	1	—	—	—	7
Non-Pulmonary Females	—	—	—	2	1	—	—	—	—	1	—	4

The following statement shews the number of cases of Tuberculosis remaining on the Registers of Notification, kept by the District Medical Officers in the County, on the 31st December, 1927 :—

Total Cases.	Pulmonary.			Non-Pulmonary.		
	Males.	Females.	Total.	Males.	Females	Total.
1151	419	437	856	150	145	295

The following Statement shews the number of primary Notifications of Tuberculosis during the past 6 years :—

	1922	1923	1924	1925	1926	1927
Pulmonary Tuberculosis ...	241	259	252	198	165	228
Other forms of Tuberculosis ...	41	62	81	62	60	66
Total, all forms ...	282	321	333	260	225	294

AVERAGE ANNUAL NOTIFICATIONS (6 YEARS—1922-1927).

Pulmonary ...	224	Other ...	62	All forms ...	286
---------------	-----	-----------	----	---------------	-----

TUBERCULOSIS.

The following Statement shows the number of new cases of Tuberculosis notified in the County and the number of deaths which have occurred in the area during 1927 :—

Age Periods.		New Cases.*				Deaths.			
		Pulmonary. M.	F.	Non-Pulmonary. M.	F.	Pulmonary. M.	F.	Non-Pulmonary. M.	F.
0 ...		1	—	—	—	—	—	2	—
1 ...		3	2	13	7	—	—	9	1
5 ...		10	4	14	8	—	—	—	1
10 ...		9	4	5	6	—	—	2	—
15 ...		13	9	4	2	} 9	9	} 1	1
20 ...		16	23	3	2				
25 ...		30	31	2	3	} 28	18	} —	3
35 ...		35	29	2	2				
45 ...		15	16	2	1	12	11	1	3
55 ...		16	4	—	1	6	4	—	—
65 & upwards ...		7	5	—	—	4	5	2	—
Totals ...		155	127	45	32	59	47	17	9

* Includes all primary notifications and NEW cases coming to the knowledge of the Medical Officer of Health during the year.

TUBERCULOSIS MORTALITY.

Tuberculosis in its various forms accounted for 132 deaths, the death-rate being 0.63 per 1,000 population, as compared with 0.68 per 1,000 population in 1926. 5.4 per cent. of the total mortality from all causes was due to tuberculosis, as compared with 4.6 % last year.

TABLE XV.—Shewing number of deaths at different periods of life in the Administrative County, Urban Districts and Rural Districts :—

A.—Tuberculosis of respiratory system.

			0	1	2	5	15	25	45	65	75
All ages.			—	—	—	—	—	—	—	—	&
			1	2	5	15	25	45	65	75	up
Urban Districts	...	53	—	—	—	—	8	23	17	3	2
Rural Districts	...	53	—	—	—	—	10	23	16	4	—
Administrative County		106	—	—	—	—	18	46	33	7	2

B.—Other Tuberculous Diseases.

			0	1	2	5	15	25	45	65	75
All ages.			—	—	—	—	—	—	—	—	&
			1	2	5	15	25	45	65	75	up
Urban Districts	...	15	1	5	3	2	—	1	1	2	—
Rural Districts	...	11	1	—	2	1	2	2	3	—	—
Administrative County		26	2	5	5	3	2	3	4	2	—

From Table XVI. below, it will be noted that 100 per cent. of the deaths from Pulmonary Tuberculosis occurred after the age of 15 years—the most fatal period being between the ages 25 and 45 years.

TABLE XVI.—Showing the number and percentage of deaths at various ages from Pulmonary and Non-Pulmonary Tuberculosis during the year 1927 :—

					Number and Percentage.		
				Total all ages.	0-5 years.	5-15 years.	15 years and over.
Pulmonary Tuberculosis :							
Urban Districts	...	...	...	53	—	—	53 (100%)
Rural Districts	...	...	...	53	—	—	53 (100%)
Administrative County	...	...	...	106	—	—	106 (100%)
Non-Pulmonary Tuberculosis :							
Urban Districts	...	...	...	15	9 (60%)	2 (13.3%)	4 (26.7%)
Rural Districts	...	...	...	11	3 (27.3%)	1 (9.1%)	7 (63.6%)
Administrative County	...	...	...	26	12 (46.2%)	3 (11.5%)	11 (42.3%)
All Forms of Tuberculosis :							
Urban Districts	...	...	...	68	9 (13.2%)	2 (3%)	57 (83.8%)
Rural Districts	...	...	...	64	3 (4.7%)	1 (1.6%)	60 (93.7%)
Administrative County	...	...	...	132	12 (9.1%)	3 (2.3%)	117 (88.6%)

Pulmonary Tuberculosis—From Table XVII. it will be noted that this disease was the cause of 106 deaths (as compared with an average of 143 deaths during the past sixteen years), *i.e.*, 80 % of all deaths from all forms of Tuberculosis, giving a death rate for the County of 0.5 per 1,000 population, the same rate as in the preceding year.

TABLE XVII.—The following Table shows the number of deaths from Pulmonary Tuberculosis from 1912 to 1927—

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Urban Districts ...	64	65	72	102	102	86	116	87	63	86	74	62	66	54	58	53
Rural Districts ...	69	83	72	72	94	89	86	81	40	53	58	46	61	65	52	53
Admin. County ...	133	148	144	174	196	175	202	168	103	139	132	108	127	119	110	106
Death-rate per 1,000 living ...	0.7	0.8	0.8	1.0	1.2	1.1	1.2	1.0	0.5	0.7	0.7	0.5	0.7	0.6	0.5	0.5

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

It was not necessary to take any formal action under these Regulations during the year.

PUBLIC HEALTH ACT, 1925—SECTION 62.

No cases have been dealt with under this Section during the year.

TUBERCULOSIS SCHEME.

(i). LIST OF DISPENSARIES, ETC.

Address.	Day and Time of Dispensary.	Tuberculosis Officer.	Nursing Assistance.	Areas Served.
*Arundel Dispensary, Granville House, Maltravers Street	Monday, 3 p.m.	Dr. W. Templeton	Wholetime Nurse employed by County Nursing Association.	{ Arundel M.B. Littlehampton U.D. E. Preston R.D. (part) Thakeham R.D. (part)
Chichester Dispensary, 4, St. John's Street	Tuesday, 10.30 a.m.	Ditto	Ditto for Dispensary and School	{ Bognor U.D. Chichester M.B. Midhurst R.D. Petworth R.D. (part) Westbourne R.D. Westhampnett R.D.
Horsham Dispensary, Tan Cottage, Brighton Road	Wednesday, 11 a.m.	Ditto	Queen's Nurse—Horsham	{ Horsham U.D. Horsham R.D. Petworth R.D. (part) Thakeham R.D. (part)
Worthing Dispensary, Out-patient Dept., The Hospital Lyndhurst Road	Monday, 10.30 a.m.	Ditto	Wholetime Health Visitor employed by Worthing Corporation.	{ Worthing M.B. E. Preston R.D. (part) Shoreham-by-Sea U.D. Southwick U.D. Steyping West R.D.

* This Dispensary is held monthly, and more frequently if found necessary.

(ii.)—Return showing the work of the Dispensaries during the year 1927.

Diagnosis.	Pulmonary.				Non-Pulmonary				Total.			
	Adults.		Children		Adults.		Children		Adults.		Children	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
A.—New Cases examined during the year (excluding contacts) :—												
(a) Definitely tuberculous	65	71	17	8	6	6	13	11	71	77	30	19
(b) Doubtfully tuberculous	—	—	—	—	—	—	—	—	10	13	6	5
(c) Non-tuberculous	—	—	—	—	—	—	—	—	43	48	50	50
B.—Contacts examined during the year :—												
(a) Definitely tuberculous	1	—	2	1	—	—	—	—	1	—	2	1
(b) Doubtfully tuberculous	—	—	—	—	—	—	—	—	—	—	—	—
(c) Non-tuberculous	—	—	—	—	—	—	—	—	1	7	15	12
C.—Cases written off the Dispensary Register as—												
(a) Cured	1	1	1	—	—	—	1	—	1	1	2	—
(b) Diagnosis not confirmed or non-tuberculous (including cancellation of cases notified in error)	—	—	—	—	—	—	—	—	50	66	68	71
D.—Number of Persons on Dispensary Register on December 31st :—												
(a) Diagnosis completed	218	205	55	38	29	25	43	41	247	230	98	79
(b) Diagnosis not completed	—	—	—	—	—	—	—	—	2	2	3	2

1. Number of persons on Dispensary Register on January 1st, 1927 ...	575	9. Number of patients to whom Dental Treatment was given, at or in connection with the Dispensary ...	Nil
2. Number of patients transferred from other areas and of "lost sight of" cases returned	32	10. Number of consultations with medical practitioners :—	
3. Number of patients transferred to other areas and cases "lost sight of" ...	*73	(a) At Homes of Applicants ...	117
4. Died during the year	73	(b) Otherwise	195
5. Number of observation cases under A (b) and B (b) above in which period of observation exceeded 2 months	18	11. Number of other visits by Tuberculosis Officer to Homes ...	88
6. Number of attendances at the Dispensary (including Contacts)	1938	12. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes	2511
7. Number of attendances of non-pulmonary cases at Orthopaedic Outstations for treatment or supervision	3	13. Number of—	
8. Number of attendances, at General Hospitals or other Institutions approved for the purpose, of patients for—		(a) Specimens of sputum, etc., examined	96
(a) "Light" treatment	11	(b) X-ray examination made in connection with Dispensary work ...	20
(b) Other special forms of treatment	Nil	14. Number of Insured Persons on Dispensary Register on the 31st Dec.	328
		15. Number of Insured Persons under Domiciliary Treatment on the 31st December	73
		16. Number of reports received during the year in respect of Insured Persons—	
		(a) Form G.P. 17	20
		(b) Form G.P. 26	249

* Includes 20 Cases "Not requiring or desiring Public Medical Treatment."

RESIDENTIAL INSTITUTIONS.

Name of Institution.	No. of Beds.	Type of Case Treated.	Names of Medical Officers.
1. Aldingbourne House.	59	Observation and Sanatorium	Dr. R. D. Smedley, County Medical Officer. Dr. W. Templeton, Tuberculosis Officer. Dr. G. C. Garratt, Visiting Physician. Dr. A. Collins, ditto (emergency cases). Dr. R. H. Wilshaw, Medical Officer of Health, Worthing.
2. Swandean Hospital.	12	Acute & Advanced	
*3. Other Institutions.	Beds are retained as required.	Cases requiring Surgical and light treatment.	

* The accommodation reserved at Other Institutions during the year was as follows :—

Name of Institution—	Average No. of Beds—
The Royal West Sussex Hospital, Chichester	5.9
Royal Sea Bathing Hospital, Margate	1.3
Lord Mayor Treloar Cripples' Hospital, Alton	6.8

RESIDENTIAL INSTITUTIONS.

(A)—Average Number of Beds Available for Patients during the Year 1927.

	Observation.	Pulmonary Tuberculosis.		Non-Pulmonary Tuberculosis.		Total.
		"Sanatorium" Beds.	"Hospital" Beds.	Disease of Bones and Joints	Other Conditions	
Adult Males	—	17	13	2	—	32
Adult Females	2	18	15	—	—	35
Children under 15	—	5	2	7	2	16
Total	2	40	30	9	2	83

(B)—Return showing the Extent of Residential Treatment during the Year 1927.

	In Institutions on Jan. 1	Admitted during the year.	Discharged during the year.	Died in the Institutions	In Institutions on Dec. 31
Number of Patients—					
Adults M.	26	84	65	12	33
F.	30	72	55	11	36
Children M.	8	13	10	1	10
F.	5	7	7	—	5
No. of Observation Cases—					
Adults M.	1	2	3	—	—
F.	—	8	8	—	—
Children M.	—	1	1	—	—
F.	—	1	1	—	—
Total	70	188	150	24	84

Return showing the immediate results of treatment of patients* and of the observation of doubtful cases discharged from Residential Institutions during the year 1927.

Pulmonary Tuberculosis.					Duration of Residential Treatment in the Institution.										
Classification on admission to the Institution.	Class T.B. minus.	Condition at time of discharge.	Under 3 months			3—6 months			6—12 months			More than 12 months			Total.
			M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	
Pulmonary Tuberculosis.	Class T.B. minus.	Quiescent	4	5	1	3	7	1	3	5	4	—	—	—	33
		Improved	4	6	—	2	1	—	1	—	—	1	2	—	17
		No material improvement	2	5	—	1	—	—	—	—	—	—	—	—	8
		Died in Institution ...	—	—	—	—	—	—	—	1	—	—	—	—	1
	Class T.B. plus. Group 1.	Quiescent	—	—	1	—	—	—	—	—	—	—	—	—	1
		Improved	—	—	—	—	—	—	—	1	—	—	—	—	1
		No material improvement	—	—	—	—	—	—	—	1	—	—	—	—	1
		Died in Institution ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Class T.B. plus. Group 2.	Quiescent	1	—	—	2	—	—	2	1	—	—	—	—	6
		Improved	5	—	—	7	3	—	—	2	—	1	—	1	19
		No material improvement	2	1	—	2	2	—	3	—	—	—	—	—	10
		Died in Institution ...	2	1	—	1	1	—	—	1	—	—	1	—	7
	Class T.B. plus. Group 3.	Quiescent	—	—	—	—	—	—	—	—	—	—	—	—	—
		Improved	1	1	—	—	—	—	1	1	—	—	—	—	4
		No material improvement	6	8	—	3	2	—	—	—	—	4	—	—	23
		Died in Institution ...	7	4	—	1	—	—	—	2	—	1	—	—	15
Non-Pulmonary Tuberculosis.	Bones and Joints.	Quiescent or Arrested ...	1	—	1	—	—	—	—	—	1	—	—	1	4
		Improved	—	1	—	—	—	—	—	—	—	—	—	—	1
		No material improvement	1	—	1	—	—	—	2	—	1	—	—	—	5
		Died in Institution ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abdominal.	Quiescent or Arrested ...	—	—	—	—	—	—	—	—	—	—	—	—	—
		Improved	—	—	—	—	—	—	—	—	—	—	—	—	—
		No material improvement	—	—	1	—	—	—	—	—	—	—	—	—	1
		Died in Institution ...	—	—	1	—	—	—	—	—	—	—	—	—	1
	Other Organs.	Quiescent or Arrested ...	—	—	—	—	—	—	—	—	—	—	—	—	—
		Improved	—	—	—	—	—	—	—	—	—	—	—	—	—
		No material improvement	—	—	—	—	—	—	—	—	—	—	—	—	—
		Died in Institution ...	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peripheral Glands.	Quiescent or Arrested ...	—	—	2	—	—	1	—	—	—	—	—	—	3
		Improved	—	—	—	—	—	—	—	—	—	—	—	—	—
		No material improvement	—	—	—	—	—	—	—	—	—	—	—	—	—
		Died in Institution ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Observation for purpose of diagnosis.		Under 1 week			1—2 weeks.			2—4 weeks.			More than 4 weeks.				
	Tuberculosis	1	—	—	—	—	—	—	—	—	1	1	—	3	
	Non-tuberculous	—	3	—	—	1	—	1	1	1	—	2	1	10	
	Doubtful	—	—	—	—	—	—	—	—	—	—	—	—	—	

* It should be borne in mind that the definition of "patient" does not include persons in whom a definite diagnosis of tuberculosis has not been made.

VENEREAL DISEASES.

FACILITIES FOR TREATMENT.

Clinics—Treatment, provided free of cost at the Clinics, is available to any resident in the County suffering from, or suspected to be suffering from, Venereal Disease in its earlier and at all communicable stages. Patients may attend the Clinics on the advice of their Medical Attendant or on their own initiative.

The following Statement gives the days and hours of the various Clinics serving this County :—

Royal Portsmouth Hospital, Landport, Portsmouth. (This Clinic is intended to serve persons resident in the Western part of the County)—			
Men—Tuesdays, 5 p.m. to 7 p.m.		Women—Wednesdays, 2 p.m. to 4 p.m.	
Wednesdays, 4 p.m. to 6 p.m.		Fridays, 10 a.m. to 12 noon.	
Thursdays, 5 p.m. to 7 p.m.			
Worthing Hospital, Lyndhurst Road, Worthing. (This Clinic is intended to serve persons resident in the Eastern part of the County)—			
Men and Women—Wednesdays, Women, 3 p.m. to 4 p.m. ; Men, 4 p.m. to 5 p.m.			
Fridays, Women, 5 p.m. to 6 p.m. ; Men, 6 p.m. to 7 p.m.			
Royal Sussex County Hospital, Eastern Road, Kemp Town, Brighton—			
Men—Mondays, 5 p.m. to 7 p.m.		Women—Tuesdays, 5 p.m. to 7 p.m.	
Thursdays, 5.30 p.m. to 7.30 p.m.		Thursdays, 3.30 p.m. to 5.30 p.m.	
Saturdays, 2.30 p.m. to 4.30 p.m.		Saturdays, 11.30 a.m. to 1.30 p.m.	

A limited number of beds is reserved at the Hospitals for patients requiring In-patient Treatment on the recommendation of the Medical Officer, *i/c.*, of the Clinic.

Complete secrecy as to the names and addresses of all patients is observed. This information is only required by the Medical Officer in charge of the Clinic for the purpose of communicating with the patients as to subsequent treatment, and in order to allocate the cost between the various Authorities having arrangements at the same Hospital.

TRAVELLING EXPENSES OF PATIENTS.

The County Council have authority, under certain circumstances, to defray the reasonable travelling expenses of patients attending the Clinics who are unable to bear the cost themselves.

PATHOLOGICAL EXAMINATION OF SPECIMENS.

Specimens may be sent for pathological examination by any medical practitioner in the County. The examination and report are made without cost to either the doctor or the patient. Stamped Outfits, with full direction for the collection of specimens are supplied free of charge, on application being made to the County Health Office.

SUPPLY OF DRUGS.

Arrangements are made for the supply to Medical Practitioners, but very few requests for drugs have been received.

TREATMENT OF CASES.

TABLE XVIII.—Showing the work done at the Clinics—

	Sussex County Hospital, Brighton.	Royal Portsmouth Hospital.	Worthing Hospital.	Total.
Number of persons dealt with during the year for the first time and found to be suffering from :—				
Syphilis	13	2	25	40
Soft chancre	—	—	—	—
Gonorrhoea	8	12	28	48
Conditions other than venereal	21	12	56	89
Totals	42	26	109	177
Total number of attendances at Out-Patient Clinics	635	210	2722	3567
Aggregate number of " In-Patient Days " ...	6	105	141	252
Number of doses of Salvarsan Substitute given ...	210	23	377	610
Number of pathological examinations	38	136	654	828

WATER SUPPLY, DRAINAGE AND SEWERAGE.

Details regarding Water Supply, Drainage and Sewerage were given in my Annual Report for 1925 and only slight extensions were made during the past year.

HOUSING.

As will be seen from the following Table XIX. prepared from the Reports of the District Medical Officers of Health, 2,161 houses were erected in the County during the year, as compared with 2,093 during the previous year, as follows :—

Sanitary District.	Total number of New Houses Erected.	With State Assistance under the Housing Acts, 1919, 1923 or 1924.			Private Enterprise.
		(i) By Local Authority	(ii) By other bodies or persons		
Urban Districts :					
Arundel (M.B.)	...	20	10	—	10
Bognor	...	243	46	52	145
Chichester (M.B.)	...	98	62	16	20
Horsham	...	121	69	46	6
Littlehampton	...	65	—	51	14
Shoreham-by-Sea	...	126	20	94	12
Southwick	...	83	20	37	26
Worthing (M.B.)	...	289	42	69	178
Total Urban Districts		1045	269	365	411
Rural Districts :					
East Preston	...	*262	48	70	144*
Horsham	...	129	42	11	76
Midhurst	...	28	—	28	—
Petworth	...	63	50	6	7
Steyning, West	...	127	12	53	62
Thakeham	...	53	4	—	49
Westbourne	...	88	36	41	11
Westhampnett	...	366	167	122	77
Total Rural Districts		1116	359	331	426
Total Administrative County		2161	628	696	837

* Includes 21 wood houses.

The following Table XX. shews the number of New Houses erected during the six years from 1921-27.

Total number of New Houses erected.					With State Assistance under the Housing Acts, 1919, 1923 or 1924.						Private Enterprise.					
					(i) By Local Authority.			(ii) By other Bodies or Persons.								
Year.	Urban Dist.	Rural Dist.	Total.		Urban Dist.	Rural Dist.	Total.		Urban Dist.	Rural Dist.	Total.		Urban Dist.	Rural Dist.	Total.	
1921	439	634	1073		306	372	678		—	—	—		133	244	377	
1922	235	428	663		93	40	133		—	—	—		142	388	530	
1923	326	539	865		—	4	4		—	—	—		326	535	861	
1924	614	611	1225		48	46	94		180	181	361		386	384	770	
1925	887	754	1641		120	109	229		258	170	428		509	475	984	
1926	1021	1072	2093		224	342	566		519	299	818		278	431	709	
1927	1045	1116	2161		269	359	628		365	331	696		411	426	837	
Totals ...	4567	5154	9721		1060	1272	2332		1322	981	2303		2185	2883	5068	

HOUSING (RURAL WORKERS) ACT, 1926.

This Act received Royal Assent on 15th December, 1926.

A Scheme prepared by the County Council embracing the whole County has been approved by the Ministry of Health.

The co-operation of the Local Sanitary Authorities has been obtained so that the provisions of the Act may be made known to the owners of property. All plans and specifications of alterations and extensions to existing property are also submitted to the Local Sanitary Authorities for their approval before grants are made.

The County Council in their scheme are prepared to make grants limited to £100 for any one house, but no grant will be made where the estimated cost of repairs is less than £50.

The word "repairs" includes:—

"Structural alterations and repairs, additions to premises, water supplies and drainage, sanitary conveniences and other like works, but not ordinary repair and upkeep.

When the landlord accepts a financial grant, the following conditions will apply, viz.:—

- (1) The estimated value of the dwelling on completion must not exceed £400.
- (2) The dwelling when completed must be fit for habitation.
- (3) For 20 years, the tenants must be agricultural workers or persons receiving similar wages.
- (4) For 20 years, the maximum rent will be the 'normal agricultural rent,' as determined by the County Council, increased by 3 % on the owners share in the estimated expenditure on the works."

MENTAL DEFICIENCY ACT, 1913.

At the end of the year there were under observation the following cases of Mental Deficiency :
Committee for the Care of the Mentally Defective—

	Cases.
Receiving Institutional Care	86
Under Care of Brighton Guardianship Society	23
Under supervision of the West Sussex Association for the Care of the Mentally Defective	128
	— 237
West Sussex Education Committee—	
Attending Special Schools	6
In other Institutions	2
In Public Elementary Schools	39
Not at School	21
	— 68
Total ...	305

During the past five years the number of ineducable children notified by the West Sussex Education Committee to the Committee for the Care of the Mentally Defective is as follows:—

	1923	1924	1925	1926	1927	Total
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
Feeble-minded	1	—	—	2	2	1
Imbeciles	7	2	3	2	8	7
Idiots	—	—	1	1	—	—
	8	2	1	3	5	11
	9	7	8	11	65	

There is still considerable difficulty in obtaining accommodation for cases requiring Institutional Care.

BLIND PERSONS ACT, 1920.

The West Sussex Association for the care of the Blind are responsible for the registration and general supervision of the blind in this area. The Education Committee deal with children of school age and with older persons requiring education and special training in Institutions for the Blind. The following Statement shews the number of cases registered in successive years:—

October 28th, 1921	187
March 31st, 1922	202
March 31st, 1923	207
March 31st, 1924	208
March 31st, 1925	240
March 31st, 1926	256
March 31st, 1927	255
March 31st, 1928	265

SALE OF FOOD AND DRUGS ACTS.

Samples taken under the Sale of Food and Drugs Acts during the year ended 31st December, 1927, for analysis by the Public Analyst.

Description.	Number of Samples Analysed.	Result of Analysis.	
		Genuine.	Otherwise.
NEW MILK	197	161	36
" Skim " Milk	2	2	—
Separated Milk	2	2	—
Butter	12	12	—
Whiskey	7	7	—
Sultanas	3	3	—
Raisins	2	2	—
Currants	1	1	—
Lemon Cheese	1	1	—
Condensed Milk	9	9	—
Picallilli	1	1	—
Apple Rings	1	1	—
Ketchup	1	1	—
Sauces	5	5	—
Pickles	3	3	—
Tomato Soup	1	1	—
Sausages	1	1	—
Total samples taken	249	213	36

In cases where the Public Analyst reported the samples as slightly deficient further samples were taken.

Six vendors were proceeded against and in five cases a conviction resulted. The proceedings in the remaining case are still pending.

The average contents of the samples of New Milk was as follows :—

Fat.	Solids not Fat.	Total Solids.
3.57 %	8.92 %	12.49 %

PUBLIC HEALTH (MILK AND CREAM) REGULATIONS, 1927.

REPORT for the year ended 31st December, 1927.

1. MILK AND CREAM NOT SOLD AS PRESERVED CREAM.

(a)	(b)
Number of samples examined for the presence of a preservative.	Number in which a preservative was reported to be present.
MILK ... 201	Nil
CREAM ... Nil	Nil

2. CREAM SOLD AS PRESERVED CREAM.

- (a) Instances in which samples have been submitted for analysis to ascertain if the statements on the label as to preservatives were correct.
- | | | | | |
|-----------------------------|-----|-----|-----|-----|
| (i) Correct statements made | ... | ... | ... | Nil |
| (ii) Statements incorrect | ... | ... | ... | Nil |
- (b) Determination made of Milk Fat in Cream sold as preserved cream.
- | | | | | |
|-----------------|-----|-----|-----|-----|
| (i) Above 35 % | ... | ... | ... | Nil |
| (ii) Below 35 % | ... | ... | ... | Nil |

3. THICKENING SUBSTANCES Nil

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915.

MILK AND DAIRIES ORDER, 1926.

During the year the Public Health and Housing Committee continued to use the Veterinary Surgeons engaged by the Diseases of Animals Committee to carry out the provisions of the Tuberculosis Order made by the Board of Agriculture and adopted the same fees as fixed by the Diseases of Animals Committee. A Sub-Committee of representatives of the Public Health and Housing Committee and Diseases of Animals Committee considered the question of the appointment of a whole-time Veterinary Surgeon and the Committee at their meeting in December recommended that the matter should be deferred for a further twelve months.

Arrangements for biological, etc., examination of specimens of milk were continued with the Lister Institute for Preventive Medicine.

During the year 24 notifications were received from Local Authorities under this Act and in every instance action was taken under the Tuberculosis Order, 1925. Cattle suffering from Tuberculosis were slaughtered in eleven instances and in the remaining instances the cattle were found free from evidence of tuberculosis.

In two instances between the time of taking the original samples of milk found to be tuberculous and the date on which the investigation under the Tuberculosis Order was carried out, changes had occurred in the herds, cattle having been sold.

PORT OF NEW SHOREHAM.

THE NUMBER OF VESSELS ENTERING THE PORT during the year was 812. Of these, 487 with a tonnage of 96,703 were from British ports, and 325 with a tonnage of 62,760 were from foreign ports, showing a decrease of 210 coast wise, and an increase of 5 foreign vessels, over the previous year.

INSPECTION.—Four hundred and eighty-two British vessels and two hundred and one foreign vessels were inspected during the year. Two vessels were found with structural defects and eleven with dirt, vermin or other conditions prejudicial to health. Two vessels (one British and one foreign) with damp quarters, were not seen since notices were given. The other nuisances were abated in each instance.

INFECTIOUS DISEASES.—One case of sickness (food poisoning) was reported on one foreign vessel arriving at the port. Leaflets on the prevention and care of influenza and containing information as to the dangers of Venereal Disease and the facilities provided for treatment were distributed to the Master of every ship. Agreement with Brighton Corporation for removal of any cases to Isolation Hospital.

PUBLIC HEALTH (REGULATIONS AS TO FOOD) ACT, 1907.—All cargoes of food have been inspected. Twenty-six vessels, tonnage 783, brought food to the port, and were found in good condition.

PUBLIC HEALTH (SHELL FISH) REGULATIONS.—No instance of selling shell fish gathered from the prohibited area came under notice during the year.

RATS AND MICE DESTRUCTION ACT, 1919.—Printed cards, indicating the responsibilities of Masters of Ships under this Act, have been distributed. Two brown rats were found and killed on one coal vessel entering the port.

COMPLAINTS.—Complaints were received as to illicit dumping of refuse on the banks of the basin for levelling purposes, but subsequent action has resulted in great improvement being effected.

PORT OF LITTLEHAMPTON.

THE NUMBER OF VESSELS ENTERING THE PORT during the year was 162, with a tonnage of 28,469. Of these 125 were from British Ports, and 37 from foreign Ports, showing a decrease of 7 vessels from British Ports, compared with last year, and an increase of 13 from Foreign Ports.

INSPECTION.—The majority of the vessels were visited and inspected by the Port Sanitary Inspector. 14 vessels were found with defects and were all remedied. The defects were want of cleanliness, dampness and want of sanitary accommodation.

INFECTIOUS DISEASES.—No cases occurred during the year. Arrangements have been made for isolation of cases at the Infectious Diseases Hospital belonging to the Littlehampton Urban District Council.

PUBLIC HEALTH (SHELL FISH) REGULATIONS, 1915.—No action has been taken during the year.

RATS AND MICE DESTRUCTION ACT, 1919.—No rat infested ships entered the Port, but 110 rats were killed by trapping or poisoning on the wharves during the year.

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